## Message

From: Tonnesen, Gail [Tonnesen.Gail@epa.gov]

**Sent**: 3/18/2014 3:17:17 PM

**To**: Andrew Langford [andrew.o.langford@noaa.gov]; Reddy - CDPHE, Patrick [patrick.reddy@state.co.us]

CC: Brad Pierce [brad.pierce@noaa.gov]; Briggs, Kevin [Kevin.Briggs@state.co.us]; Payton, Richard

[Payton.Richard@epa.gov]; Scott Landes - CDPHE [scott.landes@state.co.us]; emmett.malone@state.co.us; Chuck.Machovec@state.co.us; Pierce', 'GORDON [Gordon.Pierce@state.co.us]; gregory.harshfield@state.co.us

Subject: RE: Not much O3 in Colorado

It's snowing pretty hard in Denver right now. It would have been interesting to have high ozone levels for the call, but the null case is also interesting as a test to see if the analysis tools are consistent with no stratospheric intrusion.

Thanks, Gail

From: Andrew Langford [mailto:andrew.o.langford@noaa.gov]

**Sent:** Tuesday, March 18, 2014 9:12 AM

To: Reddy - CDPHE, Patrick

Cc: Brad Pierce; Briggs, Kevin; Tonnesen, Gail; Payton, Richard; Scott Landes - CDPHE; emmett.malone@state.co.us;

Chuck.Machovec@state.co.us; Pierce', 'GORDON; gregory.harshfield@state.co.us

Subject: Re: Not much O3 in Colorado

Too cloudy for lidar too!

Sent from my iPhone

On Mar 18, 2014, at 9:05, "Reddy - CDPHE, Patrick" < patrick.reddy@state.co.us > wrote:

We had a few sites spike at 60 or 61 ppb last night, but the atmosphere looks a little different today than expected. Poor vertical mixing, snow bands, and no sign of a fold in this AMs sounding.

Pat

--

Patrick J. Reddy

Senior Air Quality Meteorologist

Modeling, Meteorology, and Emissions Inventory Unit

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